

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
1	BRS	L1	15456	IgG	USPAT	2000/10/06 15:33			0
2	BRS	L2	30238	dimer\$2	USPAT	2000/10/06 15:33			0
3	BRS	L3	199	1 near30 2	USPAT	2000/10/06 16:17			0
4	BRS	L4	16494	bsa	USPAT	2000/10/06 16:17			0
5	BRS	L5	44	2 near30 4	USPAT	2000/10/06 16:17			0

L11 ANSWER 7 OF 7 SCISEARCH COPYRIGHT 2000 ISI (R)
AN 92:365021 SCISEARCH
GA The Genuine Article (R) Number: HX992
TI CHROMATOGRAPHIC ANALYSIS OF TROPOMYOSINS FROM RABBIT SKELETAL, CHICKEN
GIZZARD AND EARTHWORM MUSCLE
AU CRIMMINS D L (Reprint); THOMA R S
CS WASHINGTON UNIV, SCH MED, HOWARD HUGHES MED INST, CORE PROT PEPTIDE
FACIL,

660 S EUCLID AVE, ST LOUIS, MO, 63110 (Reprint)

CYA USA

SO JOURNAL OF CHROMATOGRAPHY, (22 MAY 1992) Vol. 599, No. 1-2, pp. 51-63.
ISSN: 0021-9673.

DT Article; Journal

FS PHYS; LIFE

LA ENGLISH

REC Reference Count: 38

ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

AB reversed-phase high-performance liquid chromatography are
described. Binding to and/or elution from the reversed-phase matrix
results in dissociation into highly helical **monomeric** chains.
This mode of chromatography separates the alpha and beta-chains of
earthworm and chicken gizzard tropomyosins, but not those of the rabbit
protein. Both **anion-** and **cation-**
exchange chromatography use mild (benign) elution
conditions under which the native, in vivo **dimer** population
should be preserved. Only the rabbit protein exhibited peak separation on

AN 92165068 MEDLINE
DN 92165068
TI Synthesis of the biologically active beta-subunit of human nerve growth factor in Escherichia coli.
AU Negro A; Martini I; Bigon E; Cazzola F; Minozzi C; Skaper S D; Callegaro L
CS Advanced Technology Division, Abano Terme, Italy..
SO GENE, (1992 Jan 15) 110 (2) 251-6.
Journal code: FOP. ISSN: 0378-1119.
CY Netherlands
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199206
AB . . . bacteriophage promoters PR and PL, and expressed in Escherichia coli. The recombinant protein represented approximately 3% of the total cellular **protein**. Biologically active hNGFB was solubilized (0.2% total NGFB) and purified by **cation-exchange chromatography** and it yielded two bands on polyacrylamide-gel electrophoresis under nonreducing conditions, corresponding to the **monomeric** (14 kDa) and homodimeric (26.5 kDa) forms of the molecule. Both hNGFB forms were immunopositive on Western blots with rabbit. . .

L9 ANSWER 33 OF 44 MEDLINE

DUPLICATE 27

AN 92331794 MEDLINE

DN 92331794

TI Detection of VAC-beta (annexin-8) in human placenta.

AU Pepinsky R B; Hauptmann R

CS Department of Protein Chemistry, Biogen, Inc., Cambridge, MA 02142..

SO FEBS LETTERS, (1992 Jul 13) 306 (1) 85-9.

Journal code: EUH. ISSN: 0014-5793.

CY Netherlands

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals; Cancer Journals

EM 199210

AB . . . less than 1% of extracted annexins. From 150 g of tissue, only 100 micrograms of the protein was isolated. By **anion-exchange chromatography** on diethylaminoethyl-cellulose annexin-8 coeluted with annexin-3. By gel filtration, the **protein** chromatographed as a broad peak, where half the product eluted as a **monomer** and half eluted as a heterodimer that was associated with

L9 ANSWER 40 OF 44 SCISEARCH COPYRIGHT 2000 ISI (R)
AN 91:390418 SCISEARCH
GA The Genuine Article (R) Number: FV767
TI PURIFICATION AND PROPERTIES OF THE HEXON ANTIGEN OF CANINE ADENOVIRUS
SEROTYPE CAV-1
AU VERKHOVSKAYA L V (Reprint); ULASOV V I; KISELEVA E K; KHILKO S N;
TIKHONENKO T I
CS ALL UNION AGR BIOTECHNOL RES INST, MOSCOW, USSR (Reprint); ALL UNION
CONTROL VET PREPARAT INST, MOSCOW, USSR; DK ZABOLOTNYI MICROBIOL & VIROL
INST, KIEV, UKRAINE, USSR
CYA USSR
SO BIOCHEMISTRY-RUSSIA, (1990) Vol. 55, No. 11, pp. 1488-1492.
DT Article; Journal
FS LIFE
LA ENGLISH
REC Reference Count: 11
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS
AB . . . from the culture medium of cells of a primary dog kidney
culture, infected with CAV-1, by means of hydrophobic and **anion**
exchange chromatography. The native (trimer) form of
the CAV-1 hexon is resistant to denaturation by SDS under conditions of
electrophoresis without thermal denaturation of the samples. The
monomeric polypeptide chain of the CAV-1 hexon is
identical in electrophoretic mobility with the hexon **polypeptide**
BAV-3, has a molecular weight of 103 kD according to the sequencing data.
Polyclonal and monoclonal antibodies with cross-specificity against. .

L9 ANSWER 4 OF 44 CAPLUS. COPYRIGHT 2000 ACS
 AN 1999:784126 CAPLUS
 DN 132:20776
 TI Separation of protein monomers from aggregates by use of ion-exchange chromatography
 IN Ansaldi, Deborah; Lester, Philip
 PA Genentech, Inc., USA
 SO PCT Int. Appl., 23 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9962936	A1	19991209	WO 1999-US11598	19990524
	W:				
	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW:				
	GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	AU 9942059	A1	19991220	AU 1999-42059	19990524
PRAI	US 1998-87602		19980601		
	WO 1999-US11598		19990524		

RE.CNT 8

RE

(1) Anon; US 5250663 A
 (2) Anon; US 5256294 A
 (3) Anon; US 5490937 A
 (4) Fisher; US 4228154 A 1980 CAPLUS
 (5) Genentech Inc; WO 9204970 A 1992
 ALL CITATIONS AVAILABLE IN THE RE FORMAT
 IT **Anion exchange chromatography**
 Buffers

Freeform Search

Database: US Patents Full-Text Database

12 same (purification or purify or
separation or separate)

Term:

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USPT	12 same (purification or purify or separation or separate)	30	<u>L4</u>
USPT	12 same bovine	27	<u>L3</u>
USPT	11 same (exchange near chromatography)	60	<u>L2</u>
USPT	albumin same (anion or cation)	499	<u>L1</u>